

Medicine Creek Analytics Certificate of Analysis

3700 Pacific HWY E, Ste 400, Fife, WA 98424
WA State I502 Certification 0018 | ISO 17025 91428 | Accreditation #91428

Sample: **Harlequin 8/22/25**#COC/INVOICE: **8935**Sample ID **250904-015** Matrix **Flower** Lot or Batch # External Inv ID **01K4BC0WD36MPDPQ**Tested for **Washington Bud Company** Address **28308 15th Ave NE Ste A Arlington, WA 98223** License **412752**Received **09/08/2025**Reported **09/12/2025**Analyses executed **CAN, MET, MIC, PES_WAC, WA, FM, MYC**

CAN - Cannabinoid Profile

Analyzed **Sep 11, 2025** | Instrument **HPLC LC2040**

Analyte	LOD %	LOQ %	Result %	Result mg/g
CBDV	0.003	0.01	ND	ND
CBDA	0.003	0.01	11	110
CBD	0.003	0.01	0.22	2.2
CBGA	0.003	0.01	0.73	7.3
CBG	0.003	0.01	ND	ND
THCV	0.003	0.01	ND	ND
CBN	0.003	0.01	ND	ND
THCA	0.003	0.01	5.7	57
Δ9 THC	0.003	0.01	0.35	3.5
Δ8 THC	0.003	0.01	ND	ND
CBC	0.003	0.01	ND	ND
Total THC (THCa * 0.877 + THC)			5.3	53
Total CBD (CBDa * 0.877 + CBD)			9.8	98
Total Cannabinoids			18	180

MET - Heavy Metals Detection

Pass

Analyzed **Sep 11, 2025** | Instrument **ICP-MS**

Analyte	Result ppm	WRL ppm	LOD ppm	LOQ ppm	Analyte	Result ppm	WRL ppm	LOD ppm	LOQ ppm
Arsenic (As)	ND	2.0	0.5	0.5	Cadmium (Cd)	ND	0.82	0.2	0.2
Lead (Pb)	ND	1.2	0.3	0.3	Mercury (Hg)	ND	0.4	0.1	0.1

MIC - Microbial- I502 panel (3)

Pass

Analyzed **Sep 11, 2025** | Instrument **Plating**

Analyte	Result CFU/g	WRL CFU/g	LOD CFU/g	LOQ CFU/g	Analyte	Result CFU/g	WRL CFU/g	LOD CFU/g	LOQ CFU/g
E. coli	ND	DET/ND	1	1	Bile Tolerant gram neg	ND	10000	100	100
Salmonella	ND	DET/ND	1	1					

PES_WAC - WA Compliance Pesticide (short list)

Pass

Analyzed **Sep 12, 2025** | Instrument **LC-MS/MS (ESI) & GC-MS/MS**

DET Detected **mg/g** Milligrams per gram
ND Not Detected **µg/g** Microgram per gram
NT Not Tested **ppm** Parts per million
LOD Limit of Detection **CFU/g** Colony Forming Units per 1 gram
LOQ Limit of Quantification **WRL** Washington Regulatory Limit



Authorized Signature

Amber R. Wise

Amber R. Wise, PhD
Science Director
09/12/2025

Analyte	Result ppm	WRL ppm	LOD ppm	LOQ ppm	Analyte	Result ppm	WRL ppm	LOD ppm	LOQ ppm
3-Hydroxycarbofuran	ND	0.2	0.004	0.012	Abamectin B1a	ND	0.5	0.012	0.04
Acephate	ND	0.4	0.002	0.006	Acequinocyl	ND	2.0	0.008	0.025
Acetamiprid	ND	0.2	0.003	0.012	Aldicarb	ND	0.4	0.006	0.021
Aldicarb Sulfone	ND	0.4	0.002	0.006	Azoxystrobin	ND	0.2	0.002	0.006
Bifenazate	ND	0.2	0.003	0.01	Bifenthrin - LC	ND			
Boscalid - GC	ND	0.4	0.002	0.006	Carbaryl	ND	0.2	0.002	0.006
Carbofuran	ND	0.2	0.003	0.01	Chlorantraniliprole	ND	0.2	0.002	0.006
Chlorfenapyr	ND	1.0	0.05	0.05	Chlorpyrifos - GC	ND	0.2	0.007	0.022
Clofentezine	ND	0.2	0.01	0.035	Cyfluthrin (Sum)	ND	1.0	0.025	0.025
Cypermethrin (Sum)	ND	1.0	0.025	0.025	Daminozide	ND	1.0	0.009	0.031
DDVP (Dichlorvos)	ND	0.1	0.005	0.015	Diazinon	ND	0.2	0.003	0.01
Dimethoate	ND	0.2	0.002	0.006	Ethoprophos	ND	0.2	0.008	0.025
Etofenprox	ND	0.4	0.004	0.012	Etoxazole	ND	0.2	0.002	0.006
Fenoxycarb	ND	0.2	0.003	0.01	Fenpyroximate	ND	0.4	0.004	0.012
Fipronil	ND	0.4	0.004	0.012	Flonicamid	ND	1.0	0.004	0.012
Fludioxonil	ND	0.4	0.013	0.042	Hexythiazox	ND	1.0	0.002	0.006
Imazalil	ND	0.2	0.002	0.006	Imidacloprid	ND	0.4	0.008	0.027
Kresoxym-methyl	ND	0.4	0.004	0.012	Malathion	ND	0.2	0.005	0.015
Metaxyl	ND	0.2	0.004	0.012	Methiocarb	ND	0.2	0.003	0.01
Methomyl	ND	0.4	0.005	0.015	MGK-264 (Sum)	ND	0.2	0.05	0.05
Myclobutanil	ND	0.2	0.005	0.015	Naled	ND	0.5	0.024	0.081
Oxamyl	ND	1.0	0.002	0.006	Paclobutrazol	ND	0.4	0.005	0.015
Parathion-Methyl	ND	0.1	0.05	0.05	Permethrins (Sum) - LC	ND	0.2	0.003	0.01
Phosmet	ND	0.2	0.002	0.006	Piperonyl Butoxide	ND	2.0	0.004	0.012
Prallethrin	ND	0.2	0.011	0.035	Propiconazole (Sum)	ND	0.4	0.039	0.13
Propoxur	ND	0.2	0.003	0.01	Pyrethrins (Sum) - LC	ND	1.0	0.011	0.035
Pyridaben	ND	0.2	0.004	0.012	Spinosad (Sum)	ND	0.2	0.011	0.035
Spiromesifen	ND	0.2	0.002	0.006	Spirotetramat	ND	0.2	0.004	0.012
Spiroxamine	ND	0.4	0.006	0.02	Tebuconazole	ND	0.4	0.004	0.012
Thiacloprid	ND	0.2	0.002	0.006	Thiamethoxam	ND	0.2	0.004	0.012
Trifloxystrobin	ND	0.2	0.002	0.006					

WA - Moisture & Water Activity

Pass

Analyzed **Sep 09, 2025** | Instrument **Water Activity Meter**

Analyte	Result (%)	WRL	Analyte	Result (A _w)	WRL
Moisture	NT	NA	Water Activity	0.53	0.65 (flower) 0.85 (edible)

FM - Foreign Matter Visual

Analyzed **Sep 09, 2025**

Analyte	Findings	Analyte	Findings
Stems (%)	Pass	Seeds or other (%)	Pass
Comment:			

MYC - Mycotoxins

Pass

Analyzed **Sep 10, 2025** | Instrument **LC-MS/MS**

Analyte	Result ppm	WRL ppm	LOD ppm	LOQ ppm	Analyte	Result ppm	WRL ppm	LOD ppm	LOQ ppm
Total Aflatoxins	ND	20	5	15	Ochratoxin A	ND	20	5	15

DET Detected **mg/g** Milligrams per gram
ND Not Detected **µg/g** Microgram per gram
NT Not Tested **ppm** Parts per million
LOD Limit of Detection **CFU/g** Colony Forming Units per 1 gram
LOQ Limit of Quantification **WRL** Washington Regulatory Limit



Authorized Signature

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Science Director
09/12/2025



DET Detected	mg/g Milligrams per gram
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NT Not Tested	ppm Parts per million
LOD Limit of Detection	CFU/g Colony Forming Units per 1 gram
LOQ Limit of Quantification	WRL Washington Regulatory Limit



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Confidence Analytics®

Cannabis Analytical Chemistry Laboratory

WSLCB Certification # 0003 | 14797 NE 95th St, Redmond, WA 98052 | 206.743.8843 | info@conflabs.com



Origin

Medicine Creek Analytics
3700 Pacific Hwy E #400
Fife, Wa 98424
License #: n/a

Parent Batch ID:
250904-015

Origin Sample ID:
250904-015

Sample Demographics

Sample Name:
250904-015

Product Type:
Flower

Matrix Type:
GPM

Category: N O N-502
N O N-502

Lab Sample ID: WA-250911-058

Date of Collection:
Unknown

Date of Receipt:
2025-09-10

Date of Completion:
2025-09-12

Serving / Package Wt:
N/A / N/A

Sample Size:
2 g

Batch Pass/Fail:
✓ **PASS**

Safety Analysis - summary

Foreign Matter
NT

Heavy Metals
NT

Microbial
NT

Mycotoxins
NT

Pesticides
✓ **PASS**

Solvents
NT

Water Activity
NT

Cannabinoids - Potency

Analyte Name	%	mg/g	mg/serving	mg/package	LoD/LoQ (%)
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[End of Analytes]



Certificate of Analysis

Batch #: 250904-015, ID: WA-250911-058,

Sample Name: 250904-015, Type: Flower,

Origin: Medicine Creek Analytics (License No.: n/a)



GCMS Pesticides				2025-09-12			
Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)	spinosad d	ND	0.04 / 0.04 / 0.2	Pass
chlorfenapyr	ND	0.75 / 0.75 / 1	Pass	spiromesifen	ND	0.08 / 0.08 / 0.2	Pass
chlorpyrifos	ND	0.15 / 0.15 / 0.2	Pass	spirotramat	ND	0.08 / 0.08 / 0.2	Pass
cyfluthrin	ND	0.75 / 0.75 / 1	Pass	spiroxamine	ND	0.08 / 0.08 / 0.4	Pass
cypermethrin	ND	0.75 / 0.75 / 1	Pass	tebuconazole	ND	0.08 / 0.08 / 0.4	Pass
methyl parathion	ND	0.15 / 0.15 / 0.2	Pass	thiacloprid	ND	0.08 / 0.08 / 0.2	Pass
mgk 264 a	ND	0.11 / 0.11 / 0.2	Pass	thiamethoxam	ND	0.08 / 0.08 / 0.2	Pass
mgk 264 b	ND	0.1 / 0.1 / 0.2	Pass	trans-permethrin	ND	0.08 / 0.08 / 0.2	Pass
total mgk 264	ND	N/A / N/A / 0.2	Pass	trifloxystrobin	ND	0.08 / 0.08 / 0.2	Pass
LCMS Pesticides				2025-09-12			
Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)	total abamectin	ND	N/A / N/A / 0.5	Pass
acephate	ND	0.08 / 0.08 / 0.4	Pass	total permethrins	ND	N/A / N/A / 0.2	Pass
acequinocyl	ND	0.48 / 0.48 / 2	Pass	total pyrethrins	ND	N/A / N/A / 1	Pass
acetamiprid	ND	0.08 / 0.08 / 0.2	Pass	total spinosads	ND	N/A / N/A / 0.2	Pass
aldicarb	ND	0.08 / 0.08 / 0.4	Pass	[END OF ANALYTES]			
avermectin b1a	ND	0.08 / 0.08 / 0.5	Pass				
avermectin b1b	ND	0.08 / 0.08 / 0.5	Pass				
azoxystrobin	ND	0.08 / 0.08 / 0.2	Pass				
bifenazate	ND	0.04 / 0.04 / 0.2	Pass				
bifenthrin	ND	0.04 / 0.04 / 0.2	Pass				
boscalid	ND	0.08 / 0.08 / 0.4	Pass				
carbaryl	ND	0.08 / 0.08 / 0.2	Pass				
carbofuran	ND	0.08 / 0.08 / 0.2	Pass				
chlorantraniliprole	ND	0.08 / 0.08 / 0.2	Pass				
cis-permethrin	ND	0.08 / 0.08 / 0.2	Pass				
clofentezine	ND	0.08 / 0.08 / 0.2	Pass				
daminozide	ND	0.48 / 0.48 / 1	Pass				
diazinon	ND	0.08 / 0.08 / 0.2	Pass				
dichlorvos	ND	0.074 / 0.074 / 0.1	Pass				
dimethoate	ND	0.08 / 0.08 / 0.2	Pass				
ethoprophos	ND	0.08 / 0.08 / 0.2	Pass				
etofenprox	ND	0.08 / 0.08 / 0.4	Pass				
etoxazole	ND	0.08 / 0.08 / 0.2	Pass				
fenoxycarb	ND	0.08 / 0.08 / 0.2	Pass				
fenpyroximate	ND	0.08 / 0.08 / 0.4	Pass				
fipronil	ND	0.08 / 0.08 / 0.4	Pass				
flonicamid	ND	0.48 / 0.48 / 1	Pass				
fludioxonil	ND	0.08 / 0.08 / 0.4	Pass				
hexythiazox	ND	0.15 / 0.15 / 1	Pass				
imazalil	ND	0.08 / 0.08 / 0.2	Pass				
imidacloprid	ND	0.04 / 0.04 / 0.4	Pass				
kresoxim-methyl	ND	0.08 / 0.08 / 0.4	Pass				
malathion	ND	0.08 / 0.08 / 0.2	Pass				
metalaxyl	ND	0.08 / 0.08 / 0.2	Pass				
methiocarb	ND	0.08 / 0.08 / 0.2	Pass				
methomyl	ND	0.08 / 0.08 / 0.4	Pass				
myclobutanil	ND	0.04 / 0.04 / 0.2	Pass				
naled	ND	0.08 / 0.08 / 0.5	Pass				
oxamyl	ND	0.08 / 0.08 / 1	Pass				
paclobutrazol	ND	0.04 / 0.04 / 0.4	Pass				
phosmet	ND	0.08 / 0.08 / 0.2	Pass				
piperonyl butoxide	ND	0.08 / 0.08 / 2	Pass				
prallethrin	ND	0.08 / 0.08 / 0.2	Pass				
propiconazole	ND	0.15 / 0.15 / 0.4	Pass				
propoxur	ND	0.08 / 0.08 / 0.2	Pass				
pyrethrin i	ND	0.08 / 0.08 / 1	Pass				
pyrethrin ii	ND	0.08 / 0.08 / 1	Pass				
pyridaben	ND	0.08 / 0.08 / 0.2	Pass				
spinosad a	ND	0.04 / 0.04 / 0.2	Pass				



Certificate of Analysis

Batch #: 250904-015, ID: WA-250911-058,

Sample Name: 250904-015, Type: Flower,

Origin: Medicine Creek Analytics (License No.: n/a)



Attestation & Accuracy Review

These testing results are certified by scientific examination of a single sample provided by the Producer/Processor. Confidence Analytics and its agents did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch. The sample, as received, was homogenized before subsamples were drawn for specific analyses.

Pass/Fail criteria are defined in [WAC 314-55-102](#) and [WAC 314-55-108](#)

Calculations:

$$\text{Total THC} = \text{d9-THC} + (\text{THC-A} * 0.877)$$
$$\text{Total CBD} = \text{CBD} + (\text{CBD-A} * 0.877)$$

Total Cannabinoid is a raw sum of all measured cannabinoids.

In Traceability, Total Cannabinoid is a sum of Total THC and Total CBD.

Figures may differ slightly from traceability due to rounding.

Definitions:

ND = Not Detected

NT = Not Tested

LOD = Detection Limit

LOQ = Lower Quantification Limit

ULOQ = Upper Quantification Limit

AL = Action Limit

N/A = Not Applicable

GPM = Green Plant Material

CONC = Concentrate

ISL = Infused Solid or Liquid

¹Greater than ULOQ²Not included in A2LA scope of Accreditation³WSDA Accreditation not available for this analyte

Analytical Methods Used:

Cannabinoids by UHPLC-DAD

Terpenes by HS-GC-FID/MS³

Residual Solvents by HS-GC-MS

LCMS Pesticides by LC-MS/MS

GCMS Pesticides by GC-MS/MS

Mycotoxins by LC-MS/MS

Microbes by Plate Counting

Heavy Metals by ICP-MS

Foreign Material by Macroscopic Inspection

Water Activity by HYGROMETER

Certifying Scientist: Tania Sasaki

Material Amendments

No material amendments recorded for this sample.